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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Georgios B. Giannakis; Shengli Zhou	Confirmation No.	9359
Serial No.:	10/770,116		
Filed:	February 2, 2004	Customer No.:	28863
Examiner:	Unknown		
Group Art Unit:	2681		
Docket No.:	1008-022US01		
Title:	ADAPTIVE MODULATION FOR MULTI-ANTENNA TRANSMISSIONS WITH PARTIAL CHANNEL KNOWLEDGE		

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on _September 10, 2004_ .

By: _Beth M. Lindblom_
Name: Beth M. Lindblom

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
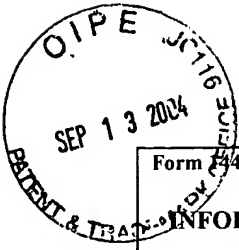Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. This statement is being filed, to the best of Applicant's knowledge, before the receipt of a first Office Action on the merits.

Respectfully submitted,

Date: _September 10, 2004_

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Form 1449* **INFORMATION DISCLOSURE STATEMENT** **IN AN APPLICATION** (Use several sheets if necessary)	Docket Number: 1008-022US01		Application Number: 10/828,104
	Applicant: Georgios B. Giannakis; Shengli Zhou		
	Filing Date: February 2, 2004		Group Art Unit: 2681
	Examiner Name: Unknown		

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Examiner Initial	Document Number	Publication Date	Country	Translation Yes	No

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EXAMINER	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820
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